

Title (en)

METHOD AND APPARATUS FOR ELECTRICALLY DESTROYING A SYRINGE NEEDLE

Title (de)

METHODE UND VORRICHTUNG ZUM ELEKTRISCHEN VERNICHTEN EINER SPRITZE

Title (fr)

PROCEDE ET DISPOSITIF POUR DETRUIRE ELECTRIQUEMENT UNE AIGUILLE DE SERINGUE

Publication

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Application

EP 96937876 A 19961104

Priority

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Abstract (en)

[origin: WO9718057A1] After a needle is received in a loading position, the needle carriage (210) is rotated downwardly to a cutoff position. At the cutoff position, two opposing contact blades (220, 230) pinch the needle, which electrically connects the positive and negative terminals of a battery. Current flows through the contact blades (220, 230) and the needle, thereby melting the needle. A slight further rotation of the needle carriage (210) causes the contact blades (220, 230) to shear the needle. The sheared portion of the needle then falls into a waste compartment. When the syringe is removed from the needle carriage (210), the needle carriage (210) rotates upwardly and returns to the loading position. Torsion spring (236) provides constant pressure against a contact blade (230) to maintain the needle carriage (210) in the loading position in the absence of any downward pressure.

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9718057A1

Cited by

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